

# Hussein S Mohamed

## List of Publications by Year in descending order

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27  
papers

518  
citations

687220

13  
h-index

713332

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g-index

29  
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29  
docs citations

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times ranked

520  
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#	ARTICLE	IF	CITATIONS
1	Synthesis of 1,3,4-Thiadiazole Derivatives Using Hydrazonoyl Bromide: Molecular Docking and Computational Studies. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 1364-1377.	1.4	6
2	Utility of Pyrimidine Thione Derivatives in the Synthesis of Biologically Active Heterocyclic Compounds. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 2618-2643.	1.4	0
3	Adsorption of Mn <sup>+7</sup> ions on chitosan/cellulose composite: experimentally and theoretically approaches. <i>Journal of Dispersion Science and Technology</i> , 2022, 43, 1525-1542.	1.3	9
4	Evaluation of the phycoremediation potential of microalgae for captan removal: Comprehensive analysis on toxicity, detoxification and antioxidants modulation. <i>Journal of Hazardous Materials</i> , 2022, 427, 128177.	6.5	9
5	A Simple and Efficient Approach to the Synthesis of 4-Aryl-2-dialkylphosphonomethyl-4-oxobutanenitrile. <i>MolBank</i> , 2022, 2022, M1342.	0.2	2
6	Pits of Date Palm: Bioactive Composition, Antibacterial Activity and Antimutagenicity Potentials. <i>Agronomy</i> , 2022, 12, 54.	1.3	14
7	Hazard assessment and environmental fate of propiconazole degradation by microalgae: Differential tolerance, antioxidant and detoxification pathway. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108170.	3.3	9
8	Nano metal oxide impregnated Chitosan-4-nitroacetophenone for industrial dye removal. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 1850-1877.	1.8	27
9	Cytotoxic activity, molecular docking, pharmacokinetic properties and quantum mechanics calculations of the brown macroalga <i>Cystoseira trinodis</i> compounds. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 3855-3873.	2.0	22
10	Bis-indole alkaloid caulerpin from a new source <i>Sargassum platycarpum</i> : isolation, characterization, <i>in vitro</i> anticancer activity, binding with nucleobases by DFT calculations and MD simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5137-5147.	2.0	13
11	Isolation, characterization, <i>in vitro</i> anticancer activity, dft calculations, molecular docking, bioactivity score, drug-likeness and admet studies of eight phytoconstituents from brown alga <i>sargassum platycarpum</i> . <i>Journal of Molecular Structure</i> , 2021, 1225, 129245.	1.8	43
12	Dissipation of pyridaphenthion by cyanobacteria: Insights into cellular degradation, detoxification and metabolic regulation. <i>Journal of Hazardous Materials</i> , 2021, 402, 123787.	6.5	10
13	Experimentally and theoretically approaches for disperse red 60 dye adsorption on novel quaternary nanocomposites. <i>Scientific Reports</i> , 2021, 11, 10000.	1.6	15
14	Combination and tricomination therapy to destabilize the structural integrity of COVID-19 by some bioactive compounds with antiviral drugs: insights from molecular docking study. <i>Structural Chemistry</i> , 2021, 32, 1415-1430.	1.0	19
15	Instantaneous photocatalytic degradation of malachite green dye under visible light using novel green Co-ZnO/algae composites. <i>Research on Chemical Intermediates</i> , 2020, 46, 1955-1973.	1.3	52
16	Synthesis, Characterization, and DFT Calculations of Quinoline and Quinazoline Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2020, 56, 1660-1668.	0.3	2
17	The inhibitory effect of some natural bioactive compounds against SARS-CoV-2 main protease: insights from molecular docking analysis and molecular dynamic simulation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 1373-1386.	0.9	40
18	Destabilizing the structural integrity of COVID-19 by caulerpin and its derivatives along with some antiviral drugs: An <i>in silico</i> approaches for a combination therapy. <i>Structural Chemistry</i> , 2020, 31, 2391-2412.	1.0	31

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19	Study the solvation effect on 6-phenyl-2-thioxo-1,2-dihydropyridine-3-carbonitrile derivatives by TD-DFT calculations and molecular dynamics simulations. Journal of Molecular Structure, 2020, 1200, 127056.	1.8	16
20	Synthesis, Characterization and Biological Activity of Schiff Bases Based on Chitosan and Acetophenone Derivatives. Advanced Journal of Chemistry-Section A, 2020, 3, 274-282.	1.4	7
21	Vermicompost Supply Modifies Chemical Composition and Improves Nutritive and Medicinal Properties of Date Palm Fruits From Saudi Arabia. Frontiers in Plant Science, 2019, 10, 424.	1.7	16
22	Cd <sup>2+</sup> and Cu <sup>2+</sup> adsorption from aqueous solutions by using residue of Padina gymnospora waste as promising low-cost adsorbent. Heliyon, 2019, 5, e01287.	3.0	29
23	Adsorption of Cd <sup>2+</sup> and Cr <sup>3+</sup> ions from aqueous solutions by using residue of Padina gymnospora waste as promising low-cost adsorbent. Heliyon, 2019, 5, e01287.	1.4	61
24	Utilization of actinobacteria to enhance the production and quality of date palm (Phoenix dactylifera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.9	37
25	Reviewing of Synthesis and Computational Studies of Pyrazolo Pyrimidine Derivatives. Journal of Chemical Reviews, 2019, 1, 183-232.	3.5	5
26	Removal of iron (II) from wastewater in oil field using 3-(p-methyl) phenyl-5-thionyl-1,2,4-triazoline assembled on silver nanoparticles. , 0, 142, 244-251.		6
27	Removal of chromium and cadmium ions from aqueous solution using residue of Rumex dentatus L. plant waste. , 0, 149, 181-193.		18